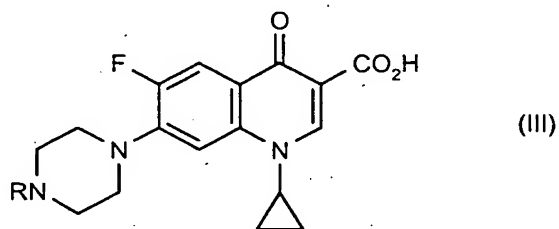


Patent claims

1. Method for controlling bacterial diseases of the respiratory organs in humans and animals by local administration of an antibacterially effective amount of solid betaine of the formula (III)



R = H, C₂H₅

- 5 and/or its solid slightly soluble salt.
2. Method according to Claim 1 for controlling lung diseases caused by bacteria.
3. Method according to Claim 1 or 2 by local administration of an antibacterially effective amount of solid betaine of the formula (III) according to Claim 1 and/or its embonate.
4. Use of the compounds defined in Claim 1 or 3 for producing medicaments for the local control of bacterial diseases of the respiratory organs in humans and animals, where these compounds are administered in solid form.
5. Use according to Claim 4 for producing medicaments for the local control of lung diseases caused by bacteria.
6. Devices suitable for administration by inhalation of solid active ingredient and containing preparations with at least one of the compounds defined in Claim 1 or 3.
7. Devices according to Claim 6, designed as powder inhalers.
8. Devices according to Claim 6, designed as suspension sprays.